

## **An Approach to the Common Core State Standards for Mathematics**

### **Begin with the Standards for Mathematical Practice.**

The Standards for Mathematical Practice describe 8 practices that mathematics educators at all levels (k-12) should seek to develop in their students. These practices rest on important “processes and proficiencies” with longstanding importance in mathematics education.

### **Next, go to the glossary and tables.**

- The glossary contains terminology that is used throughout the document that you may find helpful in clarifying what is being said in the standard.
- There are 5 tables: common addition and subtraction situations, common multiplication and division situations, the properties of operations, the properties of equality and the properties of inequality. (These are referenced throughout the document starting at Grade level 1.)

### **Finally, go to the standards.**

- If you are a k-8 teacher, make sure you look at the previous, current, and next year’s set of standards. This is to see where the students are coming from (helps to see the gaps in learning), where the current year’s focus is, and what to prepare the students to learn next.
- If you are high school, you will look to each of the conceptual categories to see which standards are contained in your course.